

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )

Boninque Guyomard et al. )

Group Art Unit:

Application No.: 10/590,432 )

Examiner:

Filing Date: August 23, 2006 )

Confirmation No.: 8748

Title: METHOD FOR PREPARING A )  
LITHIUM AND VANADIUM OXIDE OF )  
THE Li(1+SG(A)) V3OP TYPE )

FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date June 28, 2007

By:

Melissa M. Hayworth  
Melissa M. Hayworth  
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Alexandria, VA 22313-1404  
703 836 6620



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of )

Dominique Guyomard et al. )

Group Art Unit: )

Application No.: 10/590,432 )

Examiner: )

Filed: August 23, 2006 )

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For: METHOD FOR PREPARING A LITHIUM )  
AND VANADIUM OXIDE OF THE )  
LI(1+SG(A)) V3OP TYPE )  
)  
)  
)

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: June 28, 2007

By: 

Melissa M. Hayworth  
Registration No. 45774

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**Buchanan Ingersoll & Rooney PC**

Attorneys & Government Relations Professionals

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /sjb/

## FIRST

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/590,432
Filing Date	August 23, 2006
First Named Inventor	Dominique Guyomard et al.
Examiner Name	
Attorney Docket No.	1032013-000141

## U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Summary	Eng. Lang.	Search Report	IPER	Abstract
	2004010445		Japan	08-15-1994							X
	06171947		Japan	06-21-1994							X
	0397608		Europe	11-14-1990					X		
	2004024631		PCT	03-25-2004					X		

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Jinggang XIE et al., "Low-Temperature Sol-Gel Synthesis of $\text{Li}_{1.2}\text{V}_3\text{O}_8$ from $\text{V}_2\text{O}_5$ Gel", Materials Letters, Vol. 57, 2003, pp. 2682-2687, XP002306017.
	Bruno ALONSO and Jacques LIVAGE, "Synthesis of Vanadium Oxide Gels from Peroxovanadic Acid Solution: A $^{51}\text{V}$ NMR Study", Journal of Solid State Chemistry, Vol. 148, 1999, pp. 16-19, XP002359453.
	Craig J. FONTENOT et al., "Vanadia Gel Synthesis via Peroxovanadate Precursors. 1. In Situ Laser Raman and $^{51}\text{V}$ NMR Characterization of the Gelation Process", J. Phys. Chem. B., Vol. 104, 2000, pp. 11622-11631, XP002359454.
	G. Pistoia et al., "Li/Li <sub>1-x</sub> V <sub>3</sub> O <sub>8</sub> Secondary Batteries", Journal of the Electrochemical Society, Electrochemical Society, Vol. 137, No. 8, 1990, pp. 2365-2370, XP000231200.
	International Search Report mailed December 29, 2005

Examiner Signature	/Steven Bos/ (08/21/2010)	Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /s/b/